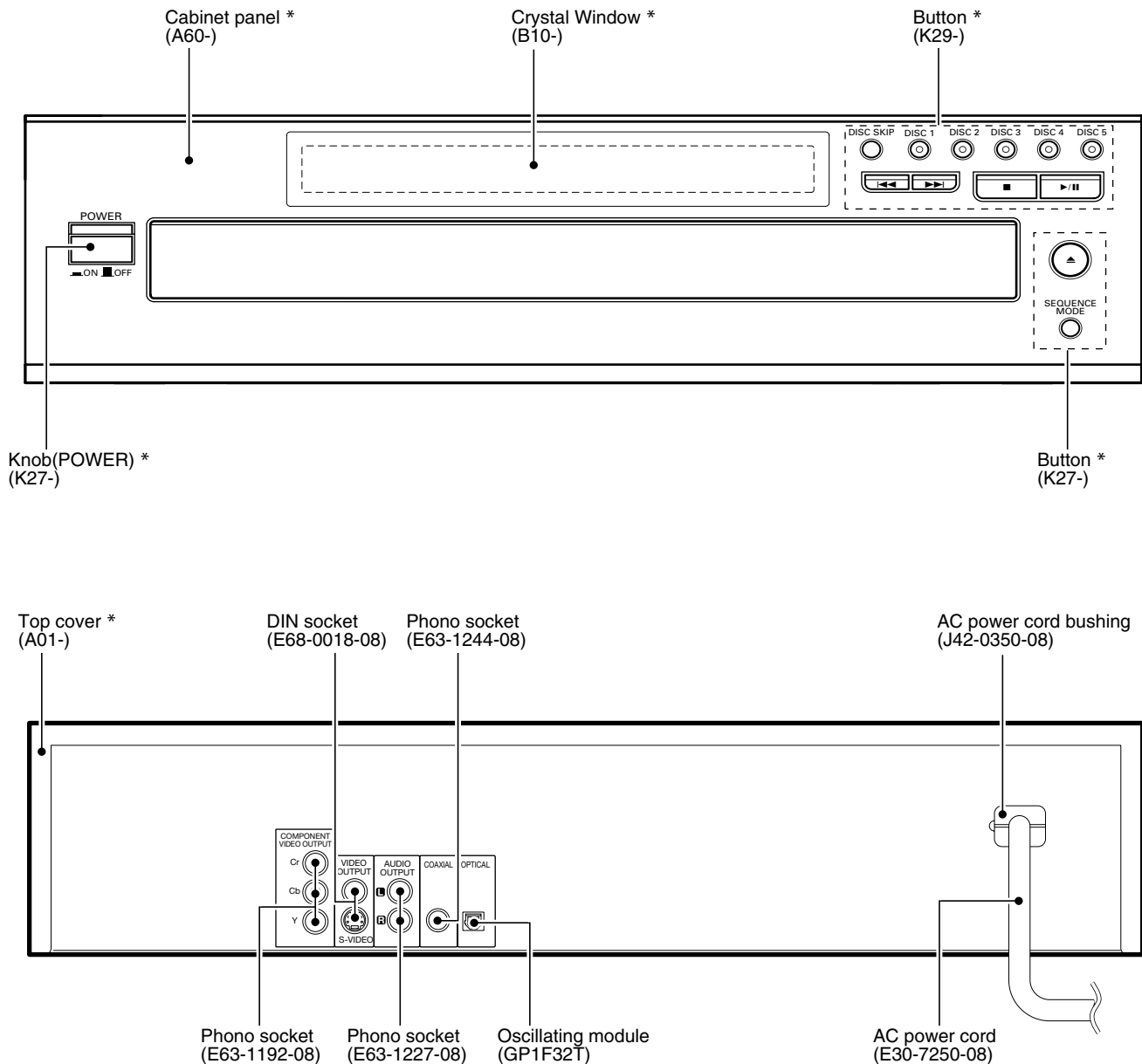


DV-605/DVF-R5060-S

SERVICE MANUAL

KENWOOD

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B51-5802-00 (K/K) 1402



*** Refer to parts list on page 19.**

In compliance with Federal Regulations, following are reproduction of labels on, or inside the product relating to laser product safety.

Caution : No connection of ground line if disassemble the unit. Please connect the ground line on rear panel, PCBs, Chassis and some others.

KENWOOD Corp. certifies this equipment conforms to DHHS Regulations No.21 CFR 1040. 10, Chapter 1, subchapter J.

DANGER : Laser radiation when open and interlock defeated. AVOID DIRECT EXPOSURE TO BEAM.



DV-605/DVF-R5060-S

CONTENTS / ACCESSORIES / CAUTIONS

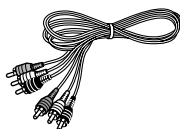
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ADJUSTMENT	4	SPECIFICATIONS	Back cover
PC BOARD	5		

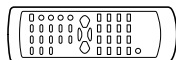
Accessories

Please confirm that the following accessories are present.

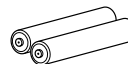
Audio video cord (Red, White, Yellow) ... (1)
(E30-2990-08)



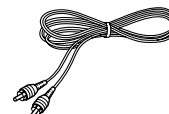
Remote control unit ... (1)
(A70-1570-08)



Batteries(R6/AA) ... (2)



Coaxial cable ... (1)
(E30-7235-08)



Cautions

Operation to reset

The microprocessor may fall into malfunction (impossibility to operate erroneous display, etc.) when the power cord is unplugged while power is ON or due to an external factor. In this case, execute the following procedure to reset the microprocessor and return it to normal condition.

- Please note that resetting the microprocessor clears the contents stored in, it returns the microprocessor to the condition when it left the factory.

- ➊ In Power ON condition, keep the DISC 3 key and the ◀◀ (Skip) key pressed at the same time.
- ➋ When both keys are pressed, the region code of the unit, the software version, etc. will be displayed on the display. (When nothing is done, the display of this information continues.) Example: 72. 14.02:05
- ➌ Press the DISC 4 key and the ◀◀ key at the same time. "BYE" will be shown on the display.
- ➍ Press the POWER ON/OFF switch to go to Power OFF.
- ➎ When Power ON is performed with the POWER ON/OFF switch, the settings become the default factory settings.

The marking of products using lasers (For countries other than U.S.A., U.S.-Military and Canada)

CLASS 1
LASER PRODUCT

The marking this product has been classified as Class 1. It means that there is no danger of hazardous radiation outside the product.
Location: Back panel

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DISASSEMBLY FOR REPAIR

1. How to open the tray if it does not come out. (Fig.1)

1. Remove the plastic plate.
2. Turn the gear fully CCW using a flat driver and so on in the drawing through the hole on the loading chassis bottom.
3. Pull out the tray frontward by hand when it comes just out.

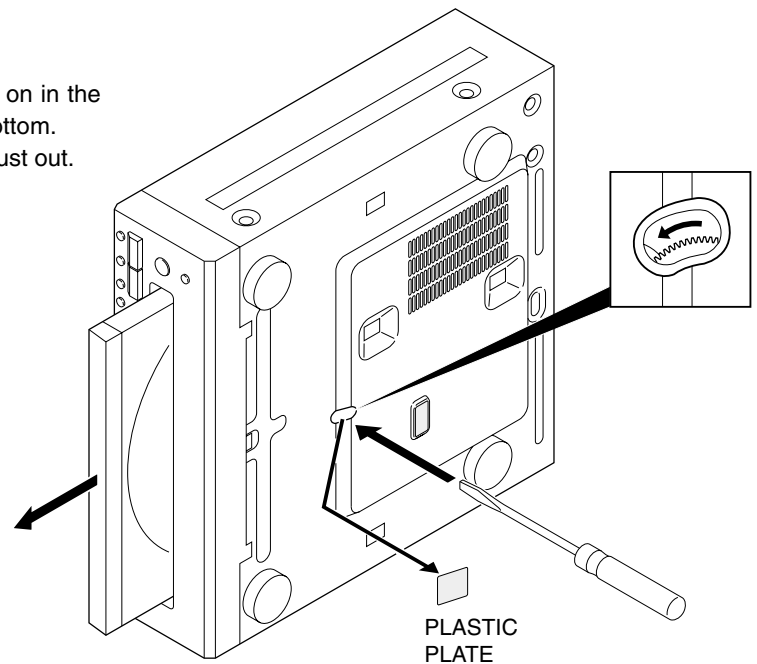


Fig. 1

2. How to remove the DVD mechanism. (Fig.2)

1. Remove connectors (①~③) and power switch lever.
2. To separate the DVD mechanism, remove screws (④x④) and pull it out backward.

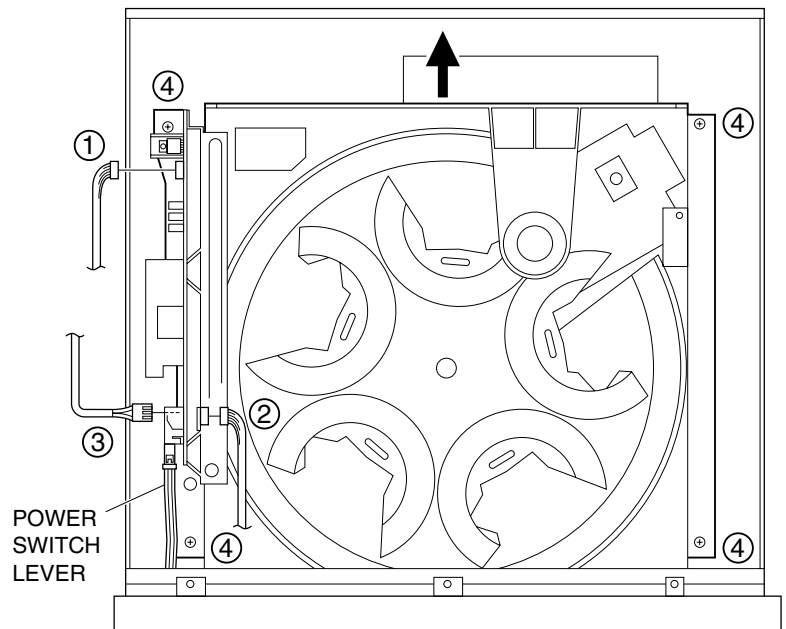
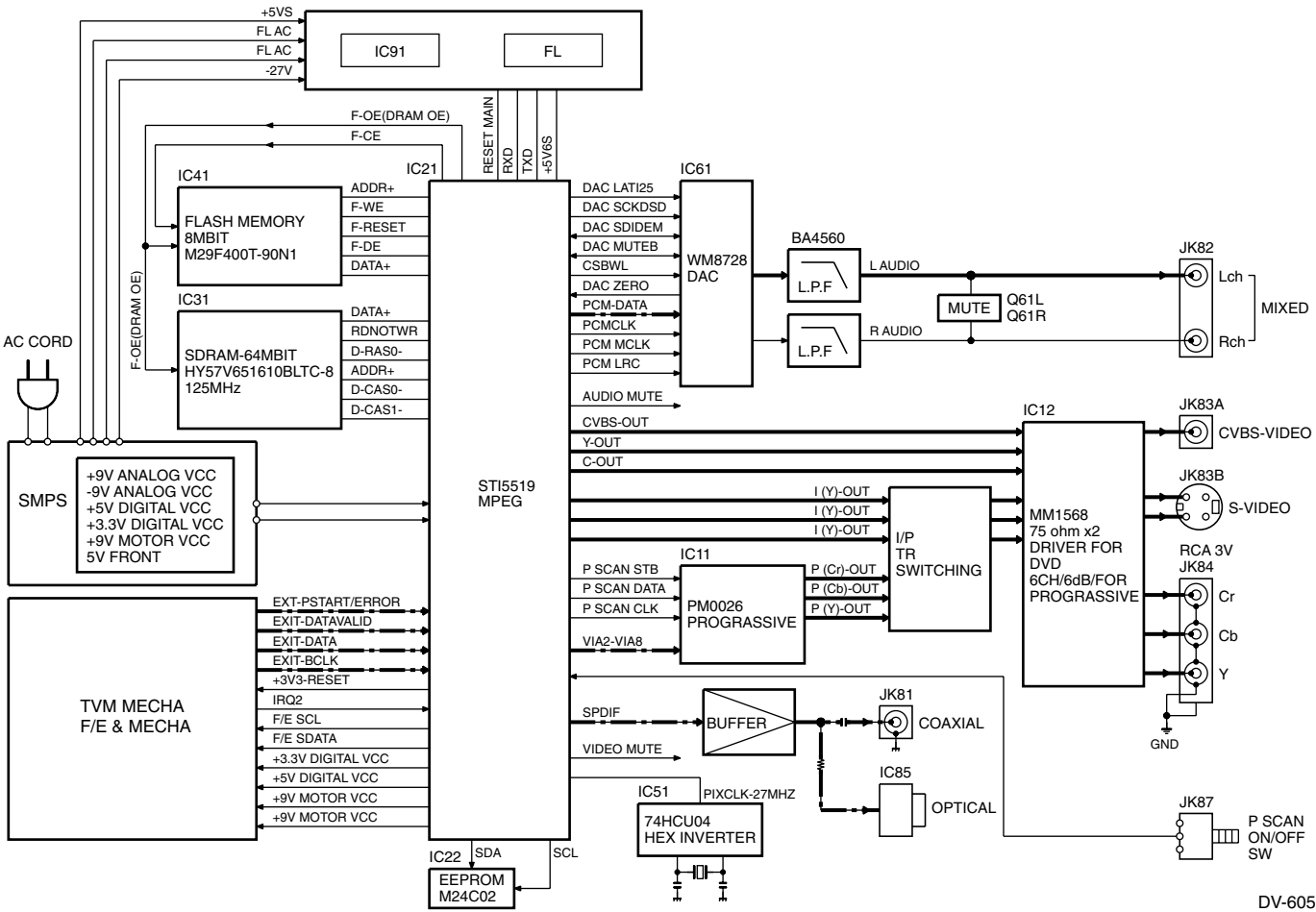


Fig. 2

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BLOCK DIAGRAM



DV-605

ADJUSTMENT

No.	ITEM	INPUT SETTING	OUTPUT SETTING	ALIGNMENT POINT	ALIGNMENT FOR	FIG.
1	Progressive Y LEVEL	100% COLOR BAR DISC	Connect the oscilloscope to Y output(JK84) with 75-ohms resistor. ※ Output Mode: Progressive	VR11	Y-signal= 1000mV±100mV	FIG.1

Adjustment Method & Precautions

1. Play Back 100% White Pattern
2. Channel 2 : OSC Probe, Composite(JK83-A)
3. Channel 1 : OSC Probe, Y(JK84) output
Channel 2 : Trigger
4. OSC Time / Div Control
5. VR11Variable : See the Scope Wave

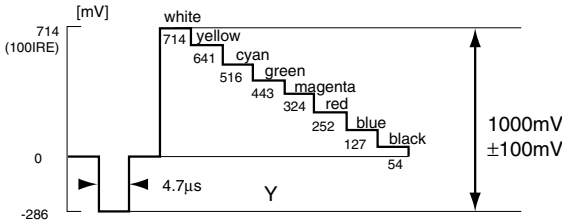


Fig. 1

DV-605/DVF-R5060-S

CIRCUIT DESCRIPTION

1. Pin Description of MPEG Processor (Main, IC21)

Pin No.	Pin Name	I/O	Pin Description
PIOs and communication			
1	PIO2(5) DAC SDIDEM IN/OUT	I/O	DAC data input and output.
2	PIO2(6) DAC MUTE IN/OUT	I/O	DAC mute control.
3	PIO2(7) DAC CSBIWL OUT	O	DAC chip select.
6	PIO3(0) PRO SCAN ON/OFF	I	P. Scan switch input.
7	PIO3(1)	I/O	Unused.
8	PIO3(2)	O	PROG-H
9	PIO3(3)	O	PM0026A (IC11) Clock
10	PIO3(4) IR REMOCON	I/O	IR Remote controller signal output (Unused).
11	PIO3(5)	O	PM0026A (IC11) data
12	PIO3(6)	O	PM0026A (IC11) STB
13	PIO3(7) DVD RESET	I/O	Power- on reset of front-end module.
Front-end			
16	B DATA	I	I2S Data
17	B BCLK	I	I2S Bit clock
18	B FLAG	I	I2S Error flag
19	B SYNC	I/O	I2S Sector / ABS time
Reserved			
20	B WCLK	I/O	Unused.
21	B V4	I/O	Unused.
22	NRSS OUT	I/O	Unused.
23	VDD RGB	-	Supply voltage for RGB (+2.5VA).
24	VSS RGB	-	GND
Video DAC			
25,26,27	B/G/R (OUT)	O	B/G/R signal outputs.
28	V REF RGB	I	Reference voltage input for DAC RGB.
29	I REF RGB	I	Reference current input for DAC RGB.
30	VDD YCC	-	Supply voltage for YCC (+2.5VA).
31	VSS YCC	-	GND
32~34	Y/C/CV (OUT)	O	Y/C/CV signal outputs.
35	V REF YCC	I	Reference voltage input for DAC YCC.
36	I REF YCC	I	Reference current input for DAC YCC.
PIOs and communication			
39~46	PI04(0~7)	I/O	YC(0~7)
Audio DAC			
48	VDD PCM	-	Supply voltage for PCM (+2V5).
49	VSS PCM	-	Ground for PCM.
51	DAC SCLK (BCK)	O	DAC over sampling clock.
52	DAC PCMOUT0 DATA	O	DAC PCM data out 0.
53	DAC PCMOUT1	O	DAC PCM out 1 (unused).
54	DAC PCMOUT2	O	DAC PCM out 2 (unused).
55	DAC PCMCLK	O	DAC PCM clock.
56	DAC LRCLK	O	DAC PCM Left/Right clock.
57	SPDIF OUT	O	Audio digital data output.
Shared memory interface			
66~69	SMI ADR(3~0)	O	SDRAM address bus.
58~63	SMI ADR(4~9)	O	SDRAM address bus.
70~73	SMI ADR(10~13)	O	SDAM address bus.
74	SMI CS(0)	O	Chip select bank 0.
75	SMI CS(1)	-	Unused.
76	SMI RAS	O	SDRAM RAS
77	SMI CAS	O	SDRAM CAS
78	SMI WE	O	SDRAM write enable.
79	SMI DQML	O	DQ MASK enable low.

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CIRCUIT DESCRIPTION

Pin No.	Pin Name	I/O	Pin Description
80	SMI DQMU	O	DQ MASK enable up.
82	SMI CLKIN	I	SDRAM clock input.
84~93	SMI DATA(0~9)	I/O	SDRAM data bus.
95	SMI CLKOUT	O	SDRAM clock out.
97~102	SDI DATA(10~15)	I/O	SDRAM data bus.
Reserved			
103	ADC SCLK	I/O	Digital audio port clock (Unused).
104	ADC LRCLK	I/O	ADC sample rate clock (Unused).
105	ADC DATA	I	ADC digital audio data input (Unused).
106	ADC PCMCLK	O	Crystal input or master clock input (Unused).
JTAG			
109	TRST	I	Test reset from emulator module.
110	TMS	I	Test mode select.
111	TDO	O	Test data out to emulator module.
112	TDI	I	Test data input from emulator module.
113	TCK	I	Test clock input from emulator module.
Timers			
114	PWM2	I/O	Unused.
115	PWM1	I/O	ROM boot option port (voltage low = emulator booting).
116	PWM0	I/O	Unused.
EMI Interface			
117	CPU OE	I/O	Flash ROM output enable.
118	CPU PRO CLK	O	SDRAM clock (unused).
Clock & Reset			
120	PIX CLK	I	27MHz main clock input.
122	VDD PLL	-	Supply voltage for PLL (+2V5).
123	VSS PLL	-	Ground for PLL.
124	RESET	I	Chip reset input.
Interrupt			
125	IRQ(2)	I	Interrupt request 2 from front-end module.
126	IRQ(1)	I	Unused.
127	IRQ(0)	I	Unused.
EMI Interface			
128	CPU BE(0)	O	BYTE0 Enable
129	CPU BE(1)	O	BYTE1 Enable
130	CPU RW	O	Unused.
131	CPU WAIT	I	Wait state (connected to ground)
132	CPU CE(3)	O	Chip select bank 3
133	CPU CE(2)	O	Chip select bank 2
134	CPU CE(1)	O	Unused.
135	CPU CE(0)	O	Unused.
138	CPU RAS1	I/O	Unused.
139	CPU CAS0	O	Unused.
140	CPU CAS1	O	Unused.
141~148	CPU DATA(0~7)	I/O	Flash ROM data input/output (0~7).
151~158	CPU DATA(8~15)	I/O	Flash ROM data input/output (8~15).
161~170	CPU ADR(1~10)	O	Flash ROM address (1~10).
173~183	CPU ADR(11~21)	O	Flash ROM address (11~21).
PIOs and communication			
186	PIO0(0) T STROBE	I/O	UART0 Data
187	PIO0(1) MOD SW	I/O	ATAPI RD
188	PIO0(2) VFD STB	O	VFD strobe output.
189	PIO0(3) VFD CLK	O	VFD clock output.
190	PIO0(4) VFD DATA OUT	O	VFD data output.
191	PIO0(5) VFD DATA IN	I	Data input from VFD.

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CIRCUIT DESCRIPTION

Pin No.	Pin Name	I/O	Pin Description
192	PIO0(6) SLIDER SENSOR OPEN/CLOSE (DRAWER POSITION)	I/O	Detection port of slider sensor for DVD mechanism.
193	PIO0(7) SLIDER IN (DRAWER CCW/CTRL)	I/O	Control port of slider (IN) for DVD mechanism.
194	PIO1(0) SDA	I/O	SSCO Data (MTSR out / MRST in)
195	PIO1(1) SCL	I/O	SSCO Clock
196	PIO1(2) SLIDER OUT (DRAWER CW CTRL)	I/O	Control port of slider (OUT) for DVD mechanism.
197	PIO1(3) TXD(JIG)	I/O	UART2 TXD
200	PIO1(4) RXD(JIG)	I/O	UART2 RXD
201	PIO1(5) FRONT TXDI	I/O	UART1 TXD
202	TRIGGER IN	I/O	Trigger input from JIG.
203	TRIGGER OUT	I/O	Trigger output from JIG.
204	PIO2(0) VIDEO MUTE	I/O	Video mute control.
205	PIO2(1) FRONT RXD	I/O	UART1 RXD
206	PIO2(2) AUDIO MUTE	O	Audio mute control.
207	PIO2(3) DAC LAT12S OUT	O	DAC latch output.
208	PIO2(4) DAC SCKDSD OUT	O	DAC system clock output.
Power supply			
4,47,81,107 136,159,184	VDD3 3	-	3.3V Power supply.
14,37,64,94 119,149,171 198	VDD2 5	-	2.5V Power supply.
5,15,38,50,65 83,96,108,121 137,150,160 172,185,199	VSS	-	GND

2. Pin Description of IC's

2-1 Progressive Convert DAC : PM0026A (Main, IC11)

Pin No.	Pin Name	I/O	Description
1	VDD3	-	Positive supply voltage (+3.3V) for pad ring.
2~8	VIB9~VIB3	I	Connected to digital ground.
9~11	GND	-	Digital ground for core.
12~14	VIB2~VIB0	I	Connected to digital ground.
15,16	DOS1, DOS0	I	Connected to digital ground.
17~19	TEST2~TEST1	I	Connected to digital ground.
20	VDD3	-	Positive supply voltage (+3.3V) for pad ring.
21	VDD2	-	Digital positive supply voltage (+2.5V) for core.
22	AGND	-	Analog ground for D/A converter.
23	DAO Y	O	Y analog output.
24	AVDD2	-	Positive supply voltage (+2.5V) for D/A converter.
25	DAO B	O	Cb analog output.
26	AGND	-	Analog ground for D/A converter.
27	DAO R	O	Cr analog output.
28	AVDD2	-	Positive supply voltage (+2.5V) for D/A converter.
29	VREF	I	Reference voltage input for 3DACs.
30	FSADJ	I/O	Current source for full scale adjustment of 3DACs.
31	AVDD2	-	Positive supply voltage (+2.5V) for D/A converter.
32	VG	O	Compensation pin for gate voltage of DAC current cells.
33	AGND	-	Analog ground for D/A converter.
34	CLMP	O	Unused.
35	SPR7/V09	O	Unused.

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CIRCUIT DESCRIPTION

Pin No.	Pin Name	I/O	Description
36	GND	-	Digital ground for core.
37~39	SPR4/V06~ SPR6/V08	O	Multi-purpose parallel output converted from serial data through MPU interface / pixel data output.
40,41	VDD3	-	Positive supply voltage (+3.3V) for pad ring.
42	GND	-	Digital ground for core.
43~45	SPR1/V03~ SPR3/V05	O	Multi-purpose parallel output converted from serial data through MPU interface / pixel data output.
46	SPR0/V02	O	Multi-purpose parallel output converted from serial data through MPU interface (LSB) / pixel data output.
47	VO1	O	Pixel data output.
48	VO0	O	Pixel data output (LSB).
49	VDD3	-	Positive supply voltage (+3.3V) for pad ring.
50~52	GND	-	Digital ground for core.
53	RMA5	I	Address input for monitoring internal register (MSB).
54~56	RMA4~RMA2	I	Address input for monitoring internal register.
57	GND	-	Digital ground for core.
58	CLK	I	System clock input (27MHz).
59	SRP	I	System reset input (negative).
60	VDD3	-	Positive supply voltage (+3.3V) for pad ring.
61	VDD2	-	Digital positive supply voltage (+2.5V) for core.
62	CSB	I	Chip select input of MPU serial interface.
63	SDATA	I	Data input of MPU serial interface.
64	SCLK	I	Clock input of MPU serial interface.
65	RMA1	I	Address input for monitoring internal register.
66	RMA0	I	Address input for monitoring internal register (LSB).
67	CKPOL	-	Internal clock. polarity control input.
68	VIA9	I	Pixel port A input (MSB).
69~76	VIA8~VIA1	I	Pixel port A input
77	VIA0	I	Pixel port A input (LSB).
78	NVS	I/O	Active low vertical sync.
79	NHS	I/O	Active low horizontal sync.
80	VDD3	-	Positive supply voltage (+3.3V) for pad ring.

2-2 Video Driver : MM1568 (Main, IC12)

Pin No.	Pin Name	I/O	Description
1,34	VCC1,2	-	VCC
2	CIN	I	Croma input.
3,15	MUTE (1,2)	O	Mute select (Unused).
4,6	VIN, YIN	I	Video input (Composite or Y).
5	YC MIX	-	YC MIX select (GND).
7	BIAS	-	Bias
8,10,17,20, 23,26,29,32	GND	-	GND
9,11	NC	-	Unused.
12	CYIN	I	Luminance input
13	CLP	-	Input clamp select (Unused).
14,16	CbIN, CrIN	I	Component input.
18 21 24 27 30	CrOUT CbOUT CYOUT YOUT VOUT	O	Signal output.
19 22 25 28 31	CrSAG CbSAG CYSAG YSAG VSAG	O	SAG correction.
33	COUT	O	Croma output.

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CIRCUIT DESCRIPTION

2-3 64 Bit SDRAM : HY57V651620B (Main, IC31)

Pin No.	Pin Name	I/O	Description
38	CLK	I	The system clock input. all other inputs are registered to the SDRAM on the rising edge of CLK.
37	CKE	-	Controls internal clock signal and when deactivated, the SDRAM will be one of the states among power down, suspend or self refresh.
19	CS	-	Enables or disables all inputs except CLK, CKE, and DQM.
20,21	BA0,BA1	-	Selects bank to be activated during RAS activity. Selects bank to be read/written during CAS activity.
22~26 29~35	A0~A11	-	Row address : RA0~RA11, Column address : CA0~CA7 Auto-precharge flag : A10
16,17,18	WE,CAS,RAS	-	WE, CAS and RAS define the operation.
15,39	LDQM,UDQM	I/O	Controls output buffers in read mode and masks input data in write mode.
2,4,5,7,8,10,11, 13,42,44,45,47, 48,50,51,53	DQ0~DQ15	I/O	Multiplexed data input/output pin.
1,3,9,14,27, 43,49	VCC/VCC Q	-	Power supply for internal circuits and input buffers.
6,12,28,41, 46,52,54	VSS/VSS Q	-	Ground terminal.
36,40	NC	-	Unused.

2-4 Flash Memory : M29W800AT(Main, IC41)

Pin No.	Pin Name	I/O	Description
1~8, 16~25,48	A0~A18	I	Address Inputs
29,31,33,35, 38,40,42,44	DQ0~DQ7	I/O	Data Input/Outputs, Command Inputs
30,32,34,36, 39,41,43	DQ8~DQ14	I/O	Data Input/Outputs
45	DQ15	I/O	Data Input/Outputs or Address input
26	CE	-	Chip Enable
28	QE	-	Output Enable
11	WE	-	Write Enable
12	RP	-	Reset/Block Temporary Unprotect
15	RY/BY	O	Ready/Busy/Output
47	BYTE	-	Byte/Word Organization
37	VCC	-	Supply Voltage
27,46	VSS	-	Ground

2-5 HEX Inverter (Single Stage) : M74HCU04(IC51)

Pin No.	Pin Name	I/O	Pin Description
1,3,5,9,11,13	A0 to A5	I	Data Inputs
2,4,6,8,10,12	Q0 to Q5	O	Data Outputs
7	GND	-	Ground
14	VCC	-	Positive Supply Voltage

Truth Table

A	Q
L	H
H	L

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CIRCUIT DESCRIPTION

2-6 24-bit, 192kHz Stereo DAC : WM8728 (Main, IC61)

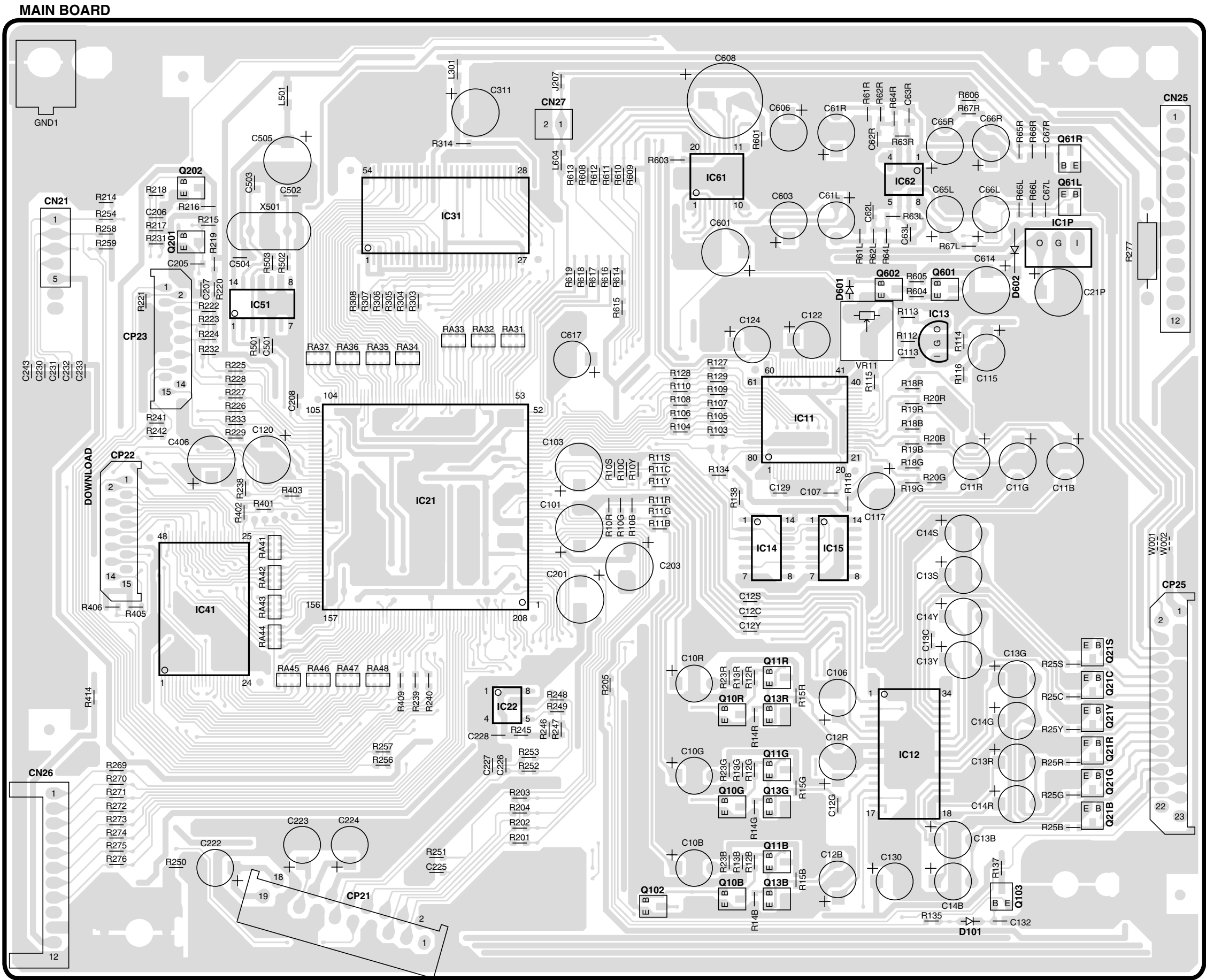
Pin No.	Pin Name	I/O	Pin Description
1	LRCIN	I	DAC sample rate clock input : PCM input mode Right channel DSD bitstream input : DSD input mode
2	DIN	I	Serial audio data input : PCM input mode Left channel DSD bitstream input : DSD input mode
3	BCKIN	I	Audio data bit clock input.
4	MCLK	I	Master clock input.
5	ZERO	O	Infinite zero detect flag.
6	DGND	-	Digital ground supply.
7	DVDD	-	Digital positive supply.
8	VOUTr	O	Right channel DAC output.
9	AGND	-	Analog ground supply.
10	AVDD	-	Analog positive supply.
11	VOUtl	O	Left channel DAC output.
12	VMID	O	Mid rail decoupling point.
13	VREFN	-	DAC negative reference.
14	VREFP	-	DAC positive reference.
15	CSBIWL	I	Software mode : 3-wire serial control chip select Hardware mode : Input word length
16	MODE	I	Control mode selection.
17	MUTEb	-	Mute control. "L" = Mute on, "H" = Mute off
18	SDIDEM	-	Software mode : 3 or 2-wire serial control data input Hardware mode : De-Emphasis select
19	SCKDSD	I	Software mode : 3 or 2-wire serial control clock input Hardware mode : DSD bitstream operation select
20	LAT12S	I	Software mode : 3-wire serial control load input Hardware mode : Input data format selection

2-7 VFD Controller :CXP82532(IC91)

Pin No.	Pin Name	I/O	Description
1	RXD	I	Communication from MPEG (IC21).
2	RMC IN	I	Input for remote control receiving circuit.
3~7	-	-	Unused.
8	RESET MAIN	I/O	System reset.
9,10	-	-	Unused.
11	MODE SELECT	-	Unused.
12,13	-	-	Unused.
14~18	DISC(5~1) LED	I	Key return input for segment signal with performs key scanning.
19~21	NC	-	Unused.
22	REGION	-	Setting of the destination.
23,24	-	-	Unused.
25~27	KEY1~KEY3	I	Key input port.
28,29	-	-	Unused.
30	RST	I	Reset signal input.
31	EXTAL	I	Connection for system clock oscillation crystal.
32	XTAL	O	Connection for system clock oscillation crystal.
33	VSS	-	GND
34~56	SEG01~SEG23	O	Segment signal output for FDP.
57,58	-	-	Unused.
59~70	G12~G1	O	Grid signal output for FDP.
71	VFDP	-	Power supply (-25V) for FDP.
72,73	VDD	-	Positive power supply(+5.0V).
74	SCART H	-	Unused.
75,76	-	-	Unused.
77	TXD	O	Communication to MPEG (IC21).
78,79	-	-	Unused.
80	-	-	Connected to power supply(+5V).

1
2
3
4
5
6
7

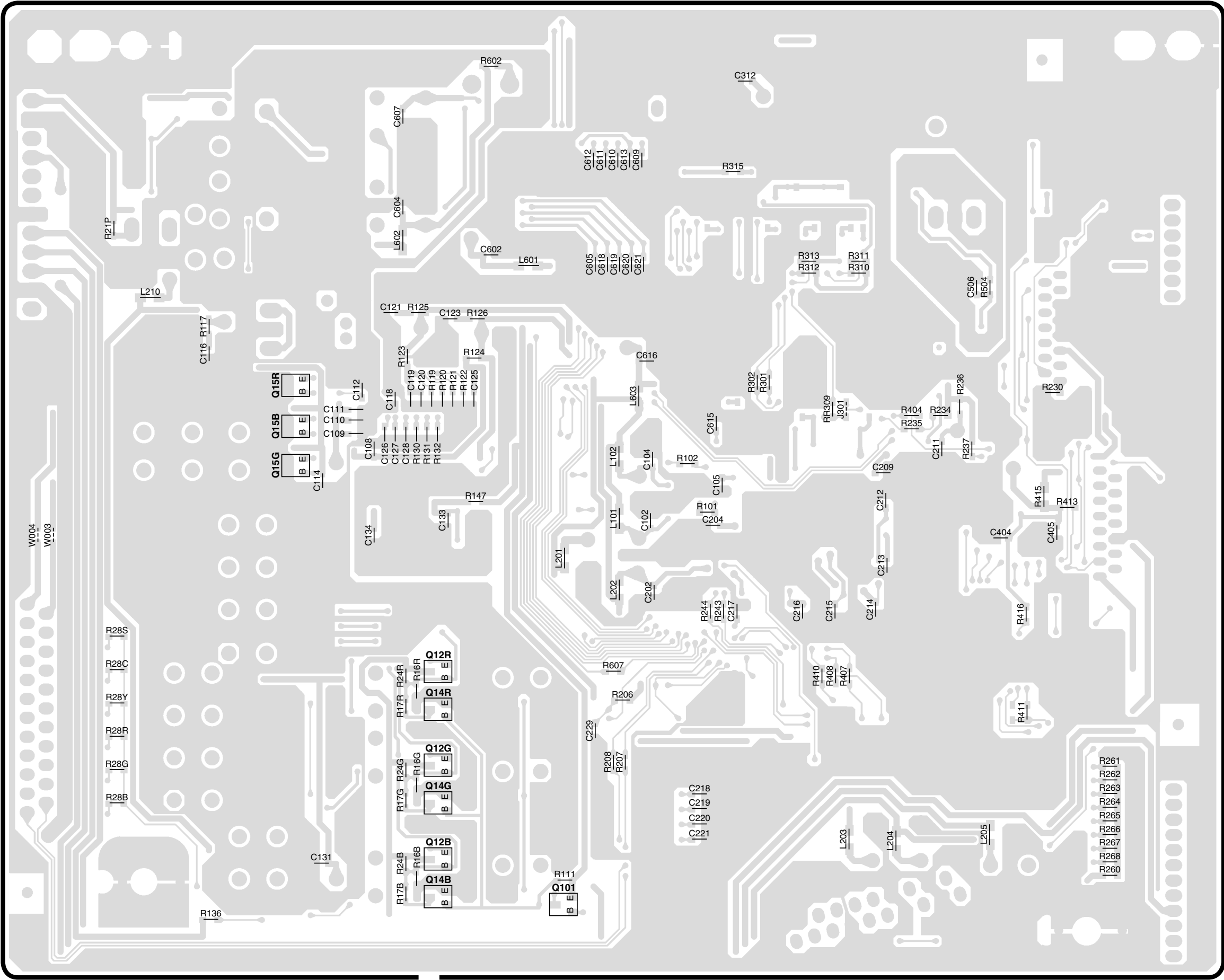
PC BOARD (Component side view)



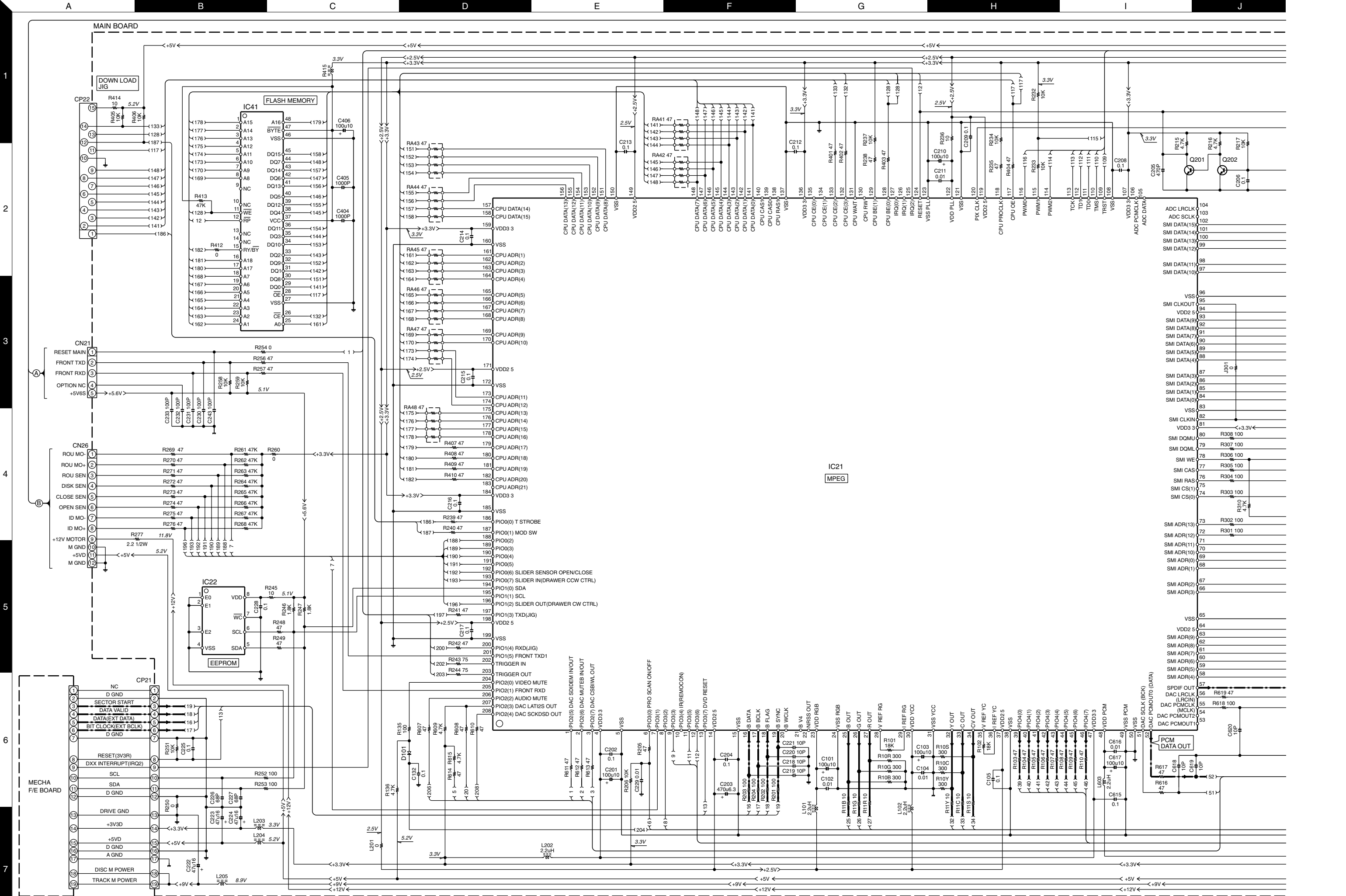
Refer to the schematic diagram for the value of resistors and capacitors.

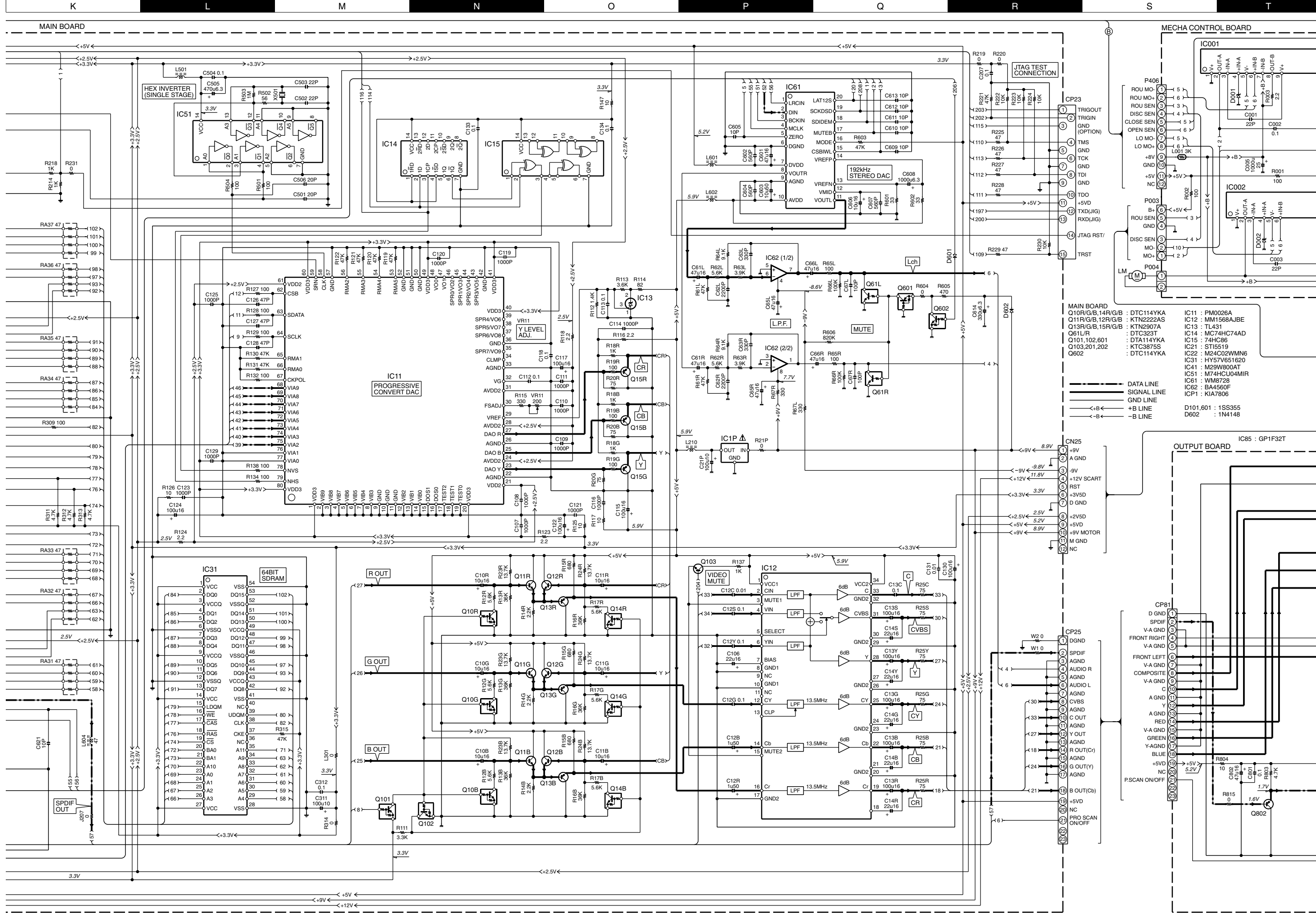
PC BOARD(Foil side view)

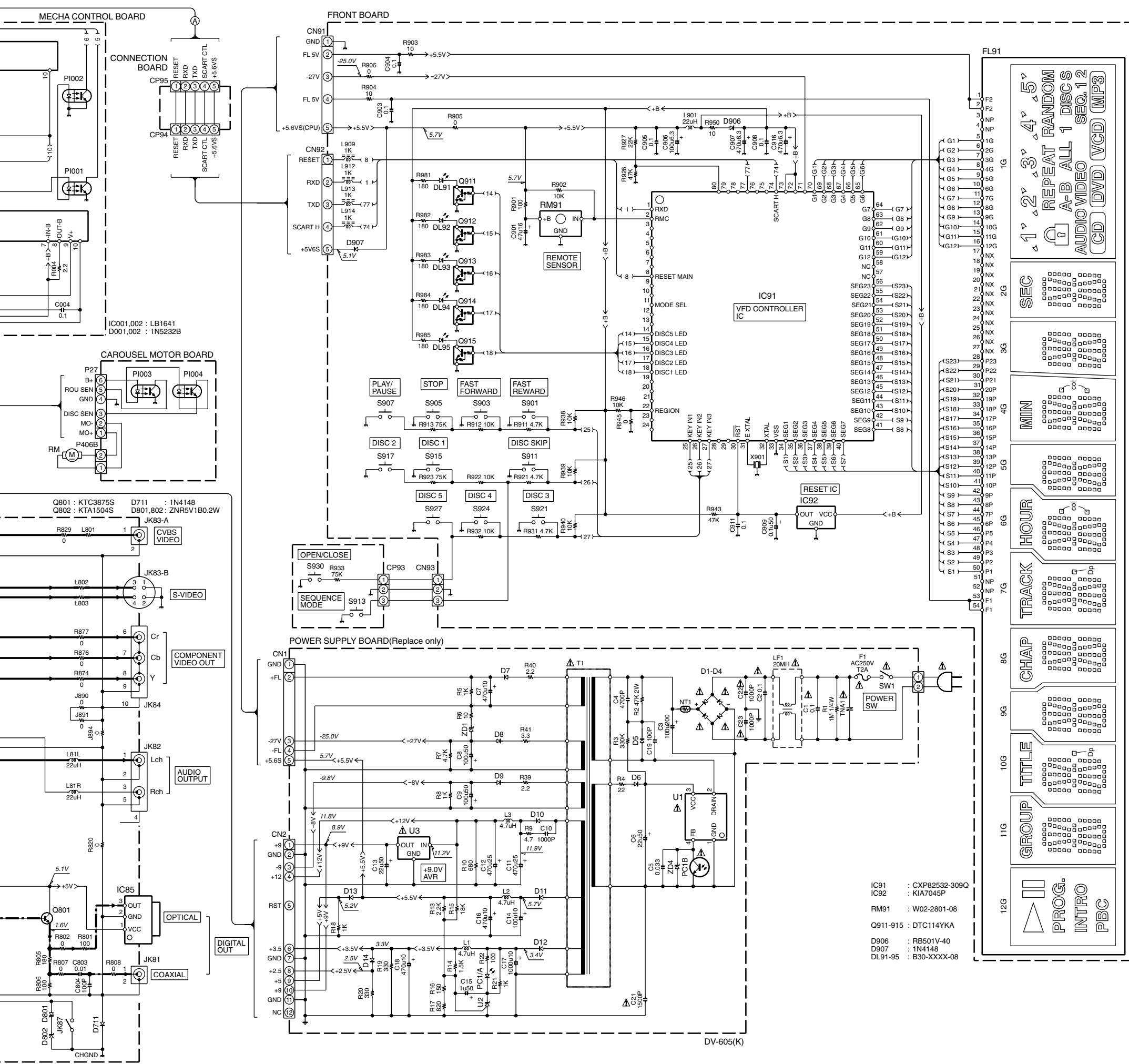
MAIN BOARD



Refer to the schematic diagram for the value of resistors and capacitors.

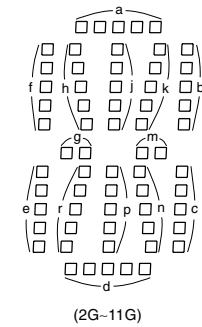






ANODE CONNECTION

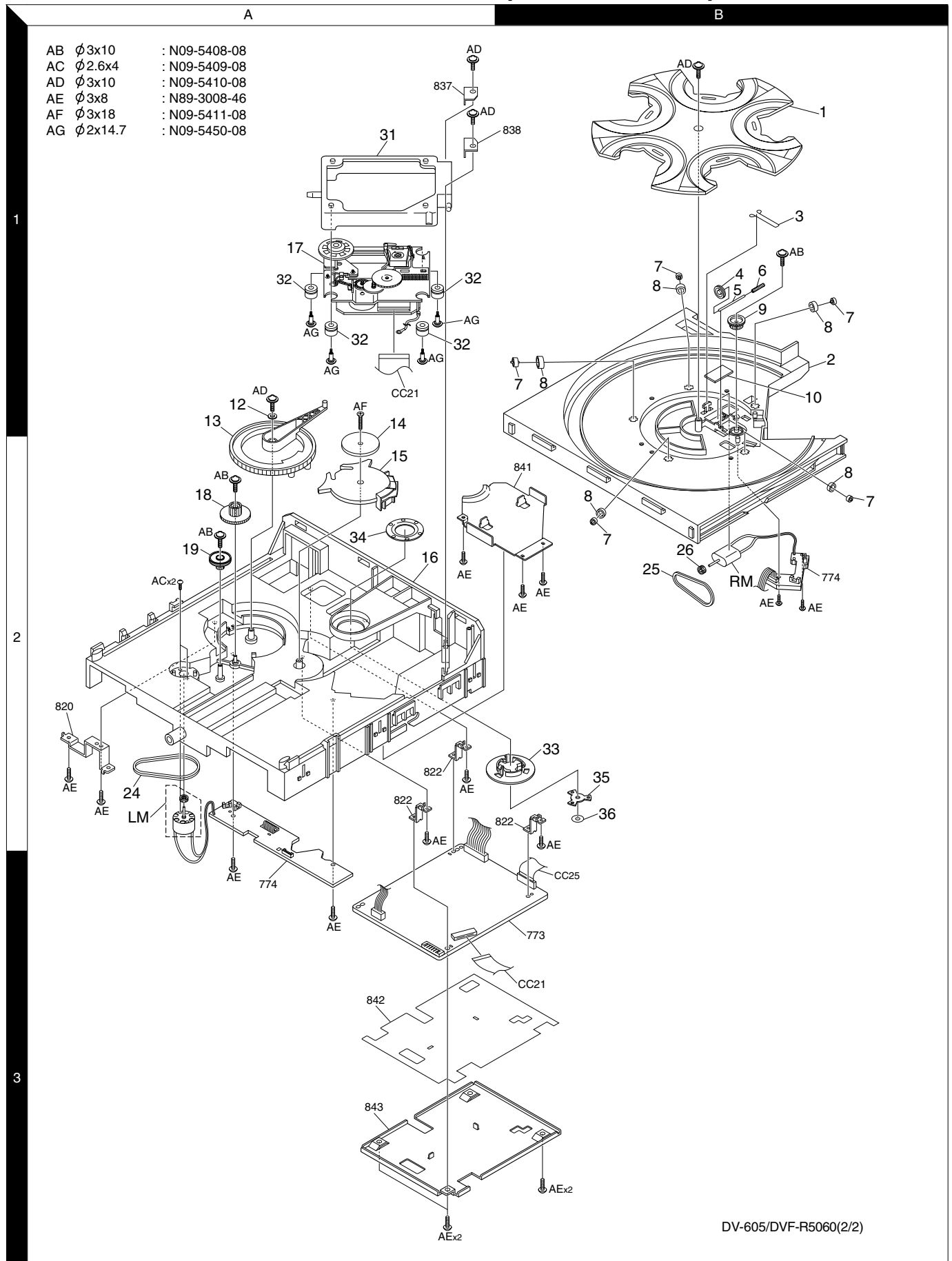
	12G	11G	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G
P1	GROUP	TITLE	CHAP	TRACK	HOUR	MIN	SEC	1				
P2	PROG.	a	a	a	a	a	a	a	a	a	a	2
P3	h	h	h	h	h	h	h	h	h	h	h	3
P4	INTRO	j	j	j	j	j	j	j	j	j	j	4
P5	PBC	k	k	k	k	k	k	k	k	k	k	5
P6	-	b	b	b	b	b	b	b	b	b	b	6
P7	-	f	f	f	f	f	f	f	f	f	f	REPEAT
P8	-	m	m	m	m	m	m	m	m	m	m	RANDOM
P9	-	g	g	g	g	g	g	g	g	g	g	A-
P10	-	n	n	n	n	n	n	n	n	n	n	B
P11	-	p	p	p	p	p	p	p	p	p	p	ALL
P12	-	r	r	r	r	r	r	r	r	r	r	1
P13	-	c	c	c	c	c	c	c	c	c	c	DISC
P14	-	e	e	e	e	e	e	e	e	e	e	8
P15	-	d	d	d	d	d	d	d	d	d	d	AUDIO
P16	-	-	Dp	-	-	Dp	col	-	col	-	-	VIDEO
P17	-	-	-	-	-	-	-	-	-	-	-	SEQ.
P18	-	-	-	-	-	-	-	-	-	-	-	1
P19	-	-	-	-	-	-	-	-	-	-	-	2
P20	-	-	-	-	-	-	-	-	-	-	-	CD
P21	-	-	-	-	-	-	-	-	-	-	-	DVD
P22	-	-	-	-	-	-	-	-	-	-	-	VCD
P23	-	-	-	-	-	-	-	-	-	-	-	MP3



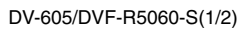
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

EXPLODED VIEW (MECHANISM)



DV-605/DVF-R5060(2/2)




Parts with exploded numbers larger than 700 are not supplied.

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Teile ohne **Parts No.** werden nicht geliefert.

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
DV-605/DVF-R5060-S						
601	2C	*	B10-3892-08	CRYSTAL WINDOW 55295590	K	
601	2C	*	B10-3896-08	CRYSTAL WINDOW 55346990	Y	
602	2C		B43-0302-04	PLATE LOGO AL K 55220500		
603	2C	*	A60-2304-08	CABINET PANEL F 55295530	K	
603	2C	*	A60-2309-08	CABINET PANEL F 55295630	Y	
604	2C	*	K27-2503-08	KNOB POWER DV60 55295570	K	
604	2C	*	K27-2508-08	KNOB POWER R506 55296130	Y	
605	1D		B43-0333-08	PLATE LOGO AL D 55266270		
607	1C		A70-1570-08	REMOTE CONTROLE 55236640		
609	2C	*	K29-8238-08	BUTTON 10KEY AS 55400150	K	
609	2C	*	K29-8239-08	BUTTON 10KEY AS 55400160	Y	
610	2C	*	K27-2502-08	BUTTON OPEN/CLO 55295550	K	
610	2C	*	K27-2507-08	BUTTON OPEN/CLO 55296030	Y	
612	2D,2E		J02-1510-08	FOOT KENWOOD DV 55235230		
613	2E		J02-1529-08	FOOT KENWOOD BL 55235300		
614	1D	*	D21-2941-08	PLASTIC MLD SHA 55295610		
616	1C		A01-3854-08	COVER TOP BK 55236620	K	
616	1C	*	A01-3880-08	COVER TOP SILVE 55332560	Y	
619	1D	*	A29-1211-08	DOOR TRAY DV605 55295540	K	
619	1D	*	A29-1213-08	DOOR TRAY R5060 55295930	Y	
622	1E		E30-7250-08	WIRE-MCRDM 0.75 55190780		
623	1E		J42-0350-08	CLAMP AC CORD R55125180		
631	2C	*	B11-1565-08	CRYSTAL WINDOW 55295580		
635	2D,2E	*	G53-0091-08	SHIELD GASKET 1 55174550		
636	2E	*	G11-2908-08	RUBBER SUPPORT 55196510		
638	1E		L92-0524-08	FCORE FERRIT MA 55148840		
639	2D		G10-0597-08	FELT BK 30X25X0 20634190		
648	1C		E30-2990-08	AUDIO-CABLE STE 55176530		
649	1C		E30-7235-08	AUDIO-CABLE MON55186190		
650	2D,2E		J02-1538-08	RUBBER FOOT CUS 55236630		
670	1D	*	W02-2958-08	SMPS MODULE DV-55332110	K	
670	1D	*	W02-2960-08	SMPS MODULE DVF 55332120	Y	
B			N09-5268-08	SCREW-ST 4MM 8M55127090	K	
B			N09-5369-08	SCREW-ST 4MM 8M55085860	Y	
-		*	B60-5265-08	BOOK INSTR B60- 55399340		
-		*	H10-7877-08	ENDCAP CUSHION 55309950		
-		*	H10-7878-08	ENDCAP CUSHION 55309960		
-			H21-0393-08	SHEET 920X1000 55170660		
-		*	H50-4595-08	GIFTBOX DV605 55309940	K	
-		*	H50-4597-08	GIFTBOX R5060 55311330	Y	
MAIN PCB						
C10B			CE04LW1C100M	ELECTRO 10UF 16WV		
C10G			CE04LW1C100M	ELECTRO 10UF 16WV		
C10R			CE04LW1C100M	ELECTRO 10UF 16WV		
C11B			CE04LW1C100M	ELECTRO 10UF 16WV		
C11G			CE04LW1C100M	ELECTRO 10UF 16WV		
C11R			CE04LW1C100M	ELECTRO 10UF 16WV		
C12B			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C12C			CK73GB1H103K	CHIP C 0.010UF K		
C12G			CK73GB1C104Z	CHIP C 0.10UF Z		
C12R			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C12S			CK73GB1C104Z	CHIP C 0.10UF Z		

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C12Y			CK73GB1C104Z	CHIP C 0.10UF Z		
C13B			CE04LW1C101M	ELECTRO 100UF 16WV		
C13C			CK73GB1C104Z	CHIP C 0.10UF Z		
C13G			CE04LW1C101M	ELECTRO 100UF 16WV		
C13R			CE04LW1C101M	ELECTRO 100UF 16WV		
C13S			CE04LW1C101M	ELECTRO 100UF 16WV		
C13Y			CE04LW1C101M	ELECTRO 100UF 16WV		
C14B			CE04LW1C220M	ELECTRO 22UF 16WV		
C14G			CE04LW1C220M	ELECTRO 22UF 16WV		
C14R			CE04LW1C220M	ELECTRO 22UF 16WV		
C14S			CE04LW1C220M	ELECTRO 22UF 16WV		
C14Y			CE04LW1C220M	ELECTRO 22UF 16WV		
C21P			CE04LW1A101M	ELECTRO 100UF 10WV		
C61L			CE04LW1C470M	ELECTRO 47UF 16WV		
C61R			CE04LW1C470M	ELECTRO 47UF 16WV		
C62L			CK73GB1H222K	CHIP C 2200PF K		
C62R			CK73GB1H222K	CHIP C 2200PF K		
C63L			CC73FCH1H331J	CHIP C 330PF J		
C63R			CC73FCH1H331J	CHIP C 330PF J		
C65L			CE04LW1C470M	ELECTRO 47UF 16WV		
C65R			CE04LW1C470M	ELECTRO 47UF 16WV		
C66L			CE04LW1C470M	ELECTRO 47UF 16WV		
C66R			CE04LW1C470M	ELECTRO 47UF 16WV		
C67L			CC73GCH1H101J	CHIP C 100PF J		
C67R			CC73GCH1H101J	CHIP C 100PF J		
C101			CE04LW1A101M	ELECTRO 100UF 10WV		
C102			CK73GB1H103K	CHIP C 0.010UF K		
C103			CE04LW1A101M	ELECTRO 100UF 10WV		
C104			CK73GB1H103K	CHIP C 0.010UF K		
C105			CK73GB1C104Z	CHIP C 0.10UF Z		
C106			CE04LW1C220M	ELECTRO 22UF 16WV		
C107-111			CK73GB1H102K	CHIP C 1000PF K		
C112,113			CK73GB1C104Z	CHIP C 0.10UF Z		
C114			CK73GB1H102K	CHIP C 1000PF K		
C115			CE04LW1C101M	ELECTRO 100UF 16WV		
C116			CK73GB1H102K	CHIP C 1000PF K		
C117			CE04LW1C101M	ELECTRO 100UF 16WV		
C118			CK73GB1C104Z	CHIP C 0.10UF Z		
C119-121			CK73GB1H102K	CHIP C 1000PF K		
C122			CE04LW1C101M	ELECTRO 100UF 16WV		
C123			CK73GB1H102K	CHIP C 1000PF K		
C124			CE04LW1C101M	ELECTRO 100UF 16WV		
C125			CK73GB1H102K	CHIP C 1000PF K		
C126-128			CC73GCH1H470J	CHIP C 47PF J		
C129			CK73GB1H102K	CHIP C 1000PF K		
C130			CE04LW1C101M	ELECTRO 100UF 16WV		
C131			CK73GB1H103K	CHIP C 0.010UF K		
C132-134			CK73GB1C104Z	CHIP C 0.10UF Z		
C201			CE04LW1A101M	ELECTRO 100UF 10WV		
C202			CK73GB1C104Z	CHIP C 0.10UF Z		
C203			CE04LW0J471M	ELECTRO 470UF 6.3WV		
C204			CK73GB1C104Z	CHIP C 0.10UF Z		
C205			CC73GCH1H471J	CHIP C 470PF J		
C206-209			CK73GB1C104Z	CHIP C 0.10UF Z		
C210			CE04LW1A101M	ELECTRO 100UF 10WV		

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PARTS LIST

DV-605/DVF-R5060-S

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C211 C212-217 C218-221 C222-224 C225			CK73GB1H103K CK73GB1C104Z CC73GCH1H100D CE04LW1C470M CK73GB1C104Z	CHIP C 0.010UF CHIP C 0.10UF CHIP C 10PF ELECTRO 47UF CHIP C 0.10UF	K Z D 16WV Z	
C226,227 C228 C229 C230-233 C243			CC73GCH1H680J CK73GB1C104Z CK73GB1H103K CC73GCH1H101J CC73GCH1H101J	CHIP C 68PF CHIP C 0.10UF CHIP C 0.010UF CHIP C 100PF CHIP C 100PF	J Z K J J	
C311 C312 C404,405 C406 C501			CE04LW1A101M CK73GB1C104Z CK73GB1H102K CE04LW1A101M CC73GCH1H200J	ELECTRO 100UF CHIP C 0.10UF CHIP C 1000PF ELECTRO 100UF CHIP C 20PF	10WV Z K 10WV J	
C502,503 C504 C505 C506 C601			CC73GCH1H220J CK73GB1C104Z CE04LW0J471M CC73GCH1H200J CE04LW1C470M	CHIP C 22PF CHIP C 0.10UF ELECTRO 470UF CHIP C 20PF ELECTRO 47UF	J Z 6.3WV J 16WV	
C602 C603 C604 C605 C606			CC73GCH1H561J CE04KW1H100M CC73GCH1H561J CC73GCH1H100D CE04LW1C100M	CHIP C 560PF ELECTRO 10UF CHIP C 560PF CHIP C 10PF ELECTRO 10UF	J 50WV J D 16WV	
C607 C608 C609-613 C614 C615			CC73GCH1H561J CE04LW0J102M CC73GCH1H100D CE04LW0J331M CK73GB1C104Z	CHIP C 560PF ELECTRO 1000UF CHIP C 10PF ELECTRO 330UF CHIP C 0.10UF	J 6.3WV D 6.3WV Z	
C616 C617 C618-621			CK73GB1H103K CE04LW1A101M CC73GCH1H100D	CHIP C 0.010UF ELECTRO 100UF CHIP C 10PF	K 10WV D	
CC21 CC25 CP21 CP25	2B,3B 3B,1E	*	E35-3450-08 E35-3213-08 E35-3215-08 E35-3214-08	FFC-JUMPER 19X FFC-JUMPER 23X CONN 1.25MM 19 CONN 1.25MM 23	55416350 55238420 55124680 55124620	
L101,102 L202 L203-205 L210 L501			L90-0363-08 L90-0363-08 L32-1047-08 L32-1047-08 L32-1047-08	LF-SMD 2U2H +10 LF-SMD 2U2H +10 FBEAD SURFACE M55126670 FBEAD SURFACE M55126670 FBEAD SURFACE M55126670	55188040 55188040 55126670 55126670 55126670	
L601,602 L603 L604 R415 X501			L32-1047-08 L90-0363-08 L32-1047-08 L32-1047-08 L77-2326-08	FBEAD SURFACE M55126670 LF-SMD 2U2H +10 FBEAD SURFACE M55126670 FBEAD SURFACE M55126670 FILQZ 27M0 HZ +	55126670 55188040 55126670 55126670 55128980	
J207 J301 L201 L301 R10B			RK73GB1J000J RK73GB1J000J RK73GB1J000J RK73GB1J000J RK73GB1J301J	CHIP R 0 CHIP R 0 CHIP R 0 CHIP R 0 CHIP R 300	J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W	
R10C R10G			RK73GB1J301J RK73GB1J301J	CHIP R 300 CHIP R 300	J 1/16W J 1/16W	

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
R10R R10S R10Y R11B R11C			RK73GB1J301J RK73GB1J301J RK73GB1J301J RK73GB1J100J RK73GB1J100J	CHIP R 300 CHIP R 300 CHIP R 300 CHIP R 10 CHIP R 10	J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W	
R11G R11R R11S R11Y R12B			RK73GB1J100J RK73GB1J100J RK73GB1J100J RK73GB1J100J RK73GB1J562J	CHIP R 10 CHIP R 10 CHIP R 10 CHIP R 10 CHIP R 5.6K	J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W	
R12G R12R R13B R13G R13R			RK73GB1J562J RK73GB1J562J RK73GB1J363J RK73GB1J363J RK73GB1J363J	CHIP R 5.6K CHIP R 5.6K CHIP R 36K CHIP R 36K CHIP R 36K	J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W	
R14B R14G R14R R15B R15G			RK73GB1J222J RK73GB1J222J RK73GB1J222J RK73GB1J681J RK73GB1J681J	CHIP R 2.2K CHIP R 2.2K CHIP R 2.2K CHIP R 680 CHIP R 680	J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W	
R15R R16B R16G R16R R17B			RK73GB1J681J RK73GB1J363J RK73GB1J363J RK73GB1J363J RK73GB1J562J	CHIP R 680 CHIP R 36K CHIP R 36K CHIP R 36K CHIP R 5.6K	J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W	
R17G R17R R18B R18G R18R			RK73GB1J562J RK73GB1J562J RK73GB1J102J RK73GB1J102J RK73GB1J102J	CHIP R 5.6K CHIP R 5.6K CHIP R 1.0K CHIP R 1.0K CHIP R 1.0K	J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W	
R19B R19G R19R R20B R20G			RK73GB1J101J RK73GB1J101J RK73GB1J101J RK73GB1J750J RK73GB1J750J	CHIP R 100 CHIP R 100 CHIP R 100 CHIP R 75 CHIP R 75	J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W	
R20R R21P R23B R23G R23R		*	RK73GB1J750J RK73GB1J000J R92-4587-08 R92-4587-08 R92-4587-08	CHIP R 75 CHIP R 0 CHIP R 13.7K CHIP R 13.7K CHIP R 13.7K	J 1/16W J 1/16W 21073400 21073400 21073400	
R24B R24G R24R R25B R25C		*	R92-4587-08 R92-4587-08 R92-4587-08 RK73GB1J750J RK73GB1J750J	CHIP R 13.7K CHIP R 13.7K CHIP R 13.7K CHIP R 75 CHIP R 75	21073400 21073400 21073400 J 1/16W J 1/16W	
R25G R25R R25S R25Y R61L		*	RK73GB1J750J RK73GB1J750J RK73GB1J750J RK73GB1J750J RK73GB1J473J	CHIP R 75 CHIP R 75 CHIP R 75 CHIP R 75 CHIP R 47K	J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W	
R61R R62L R62R R63L R63R			RK73GB1J473J RK73GB1J562J RK73GB1J562J RK73GB1J392J RK73GB1J392J	CHIP R 47K CHIP R 5.6K CHIP R 5.6K CHIP R 3.9K CHIP R 3.9K	J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W	

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5

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R64L R64R R65L R65R R66L			RK73GB1J912J RK73GB1J912J RK73GB1J101J RK73GB1J101J RK73GB1J104J	CHIP R 9.1K J 1/16W CHIP R 9.1K J 1/16W CHIP R 100 J 1/16W CHIP R 100 J 1/16W CHIP R 100K J 1/16W		
R66R R67L R67R R101,102 R103-110			RK73GB1J104J RK73GB1J331J RK73GB1J331J RK73GB1J183J RK73GB1J470J	CHIP R 100K J 1/16W CHIP R 330 J 1/16W CHIP R 330 J 1/16W CHIP R 18K J 1/16W CHIP R 47 J 1/16W		
R111 R112 R113 R114 R115		*	RK73GB1J332J R92-4588-08 RK73GB1J362J RK73GB1J820J RK73GB1J331J	CHIP R 3.3K J 1/16W CHIP R 1.4K 30947610 CHIP R 3.6K J 1/16W CHIP R 82 J 1/16W CHIP R 330 J 1/16W		
R116 R117 R118 R119-122 R123,124			RK73GB1J2R2J RK73GB1J100J RK73GB1J2R2J RK73GB1J473J RK73GB1J2R2J	CHIP R 2.2 J 1/16W CHIP R 10 J 1/16W CHIP R 2.2 J 1/16W CHIP R 47K J 1/16W CHIP R 2.2 J 1/16W		
R125,126 R127-129 R130,131 R132 R134,135			RK73GB1J100J RK73GB1J101J RK73GB1J473J RK73GB1J101J RK73GB1J101J	CHIP R 10 J 1/16W CHIP R 100 J 1/16W CHIP R 47K J 1/16W CHIP R 100 J 1/16W CHIP R 100 J 1/16W		
R136 R137 R138 R147 R201-204			RK73GB1J472J RK73GB1J102J RK73GB1J101J RK73GB1J100J RK73GB1J101J	CHIP R 4.7K J 1/16W CHIP R 1.0K J 1/16W CHIP R 100 J 1/16W CHIP R 10 J 1/16W CHIP R 100 J 1/16W		
R205 R206 R214 R215,216 R217			RK73GB1J470J RK73GB1J103J RK73GB1J102J RK73GB1J472J RK73GB1J103J	CHIP R 47 J 1/16W CHIP R 10K J 1/16W CHIP R 1.0K J 1/16W CHIP R 4.7K J 1/16W CHIP R 10K J 1/16W		
R218 R219,220 R221 R222-224 R225-229			RK73GB1J102J RK73GB1J000J RK73GB1J473J RK73GB1J103J RK73GB1J470J	CHIP R 1.0K J 1/16W CHIP R 0 J 1/16W CHIP R 47K J 1/16W CHIP R 10K J 1/16W CHIP R 47 J 1/16W		
R230 R231 R232,233 R234 R235			RK73GB1J103J RK73GB1J000J RK73GB1J103J RK73GB1J103J RK73GB1J470J	CHIP R 10K J 1/16W CHIP R 0 J 1/16W CHIP R 10K J 1/16W CHIP R 10K J 1/16W CHIP R 47 J 1/16W		
R236 R237 R238-242 R243,244 R245			RK73GB1J100J RK73GB1J103J RK73GB1J470J RK73GB1J750J RK73GB1J100J	CHIP R 10 J 1/16W CHIP R 10K J 1/16W CHIP R 47 J 1/16W CHIP R 75 J 1/16W CHIP R 10 J 1/16W		
R246,247 R248,249 R250 R251 R252,253			RK73GB1J182J RK73GB1J470J RK73GB1J000J RK73GB1J103J RK73GB1J101J	CHIP R 1.8K J 1/16W CHIP R 47 J 1/16W CHIP R 0 J 1/16W CHIP R 10K J 1/16W CHIP R 100 J 1/16W		

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
R254 R256,257 R258,259 R260 R261-268			RK73GB1J000J RK73GB1J470J RK73GB1J103J RK73GB1J000J RK73GB1J473J	CHIP R 0 J 1/16W CHIP R 47 J 1/16W CHIP R 10K J 1/16W CHIP R 0 J 1/16W CHIP R 47K J 1/16W		
R269-276 R277 R301-309 R310-313 R314			RK73GB1J470J RD14GB2H2R2J RK73GB1J101J RK73GB1J472J RK73GB1J000J	CHIP R 47 J 1/16W FL-PROOF RD 2.2 J 1/2W CHIP R 100 J 1/16W CHIP R 4.7K J 1/16W CHIP R 0 J 1/16W		
R315 R401-404 R405,406 R407-410 R413			RK73GB1J473J RK73GB1J470J RK73GB1J103J RK73GB1J470J RK73GB1J473J	CHIP R 47K J 1/16W CHIP R 47 J 1/16W CHIP R 10K J 1/16W CHIP R 47 J 1/16W CHIP R 47K J 1/16W		
R414 R501 R502 R503 R504			RK73GB1J100J RK73GB1J101J RK73GB1J560J RK73GB1J105J RK73GB1J101J	CHIP R 10 J 1/16W CHIP R 100 J 1/16W CHIP R 56 J 1/16W CHIP R 1.0M J 1/16W CHIP R 100 J 1/16W		
R601,602 R603 R604 R605 R606			RK73GB1J330J RK73GB1J473J RK73GB1J000J RK73GB1J471J RK73GB1J824J	CHIP R 33 J 1/16W CHIP R 47K J 1/16W CHIP R 0 J 1/16W CHIP R 470 J 1/16W CHIP R 820K J 1/16W		
R607,608 R609 R610-614 R615 R616,617			RK73GB1J470J RK73GB1J472J RK73GB1J470J RK73GB1J472J RK73GB1J470J	CHIP R 47 J 1/16W CHIP R 4.7K J 1/16W CHIP R 47 J 1/16W CHIP R 4.7K J 1/16W CHIP R 47 J 1/16W		
R618 R619 RA31-37 RA41-48 VR11		*	RK73GB1J101J RK73GB1J470J R90-1333-08 R90-1333-08 R39-0047-08	CHIP R 100 J 1/16W CHIP R 47 J 1/16W LADDER R 47 LADDER R 47 VARIABLE R 200R0 355307870		
W001,002			RK73FB2A000J	CHIP R 0 J 1/10W		
D101 D601 D602 IC1P IC11	Δ		1SS355 1SS355 1N4148 KIA7806 PM0026A	D-SLP 1SS355 3520496510 D-SLP 1SS355 3520496510 D-SLP 1N4148 1070436540 IC-REGPOSF XD KI20361320 IC(LINE DOUBLER IC)940		
IC12 IC13 IC14 IC21 IC22		*	MN1568AJBE TL431 MC74HC74AD STI5519 M24C02WMMN6	IC-VIDEOPROC MM55389040 IC-REGSPECKT TL15069010 IC-SPECFUNC MC720997870 IC-VIDEOPROC ST55130350 IC-EEPROM M24C020940740		
IC31 IC41 IC51 IC61 IC62			HY57V651620 M29W800AT M74HCU04MIR WM8728 BA4560F	IC-DRAM 100M0 H55156290 IC-MEMFLASH M2955136720 IC-LOGIC M74HCU55133310 IC-CONV WM8728 55291470 IC-OPERAMP BA4555128990		
Q10B Q10G Q10R			DTC114YKA DTC114YKA DTC114YKA	TR-SSD DTC114YK55133180 TR-SSD DTC114YK55133180 TR-SSD DTC114YK55133180		

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Q11B		*	KTN2222AS	TR-SLPSWA KTN2255388740		
Q11G		*	KTN2222AS	TR-SLPSWA KTN2255388740		
Q11R		*	KTN2222AS	TR-SLPSWA KTN2255388740		
Q12B		*	KTN2222AS	TR-SLPSWA KTN2255388740		
Q12G		*	KTN2222AS	TR-SLPSWA KTN2255388740		
Q12R		*	KTN2222AS	TR-SLPSWA KTN2255388740		
Q13B			KTN2907A	TR-SLPSWA KTN2955137830		
Q13G			KTN2907A	TR-SLPSWA KTN2955137830		
Q13R			KTN2907A	TR-SLPSWA KTN2955137830		
Q14B			DTC114YKA	TR-SSD DTC114YK55133180		
Q14G			DTC114YKA	TR-SSD DTC114YK55133180		
Q14R			DTC114YKA	TR-SSD DTC114YK55133180		
Q15B			KTN2907A	TR-SLPSWA KTN2955137830		
Q15G			KTN2907A	TR-SLPSWA KTN2955137830		
Q15R			KTN2907A	TR-SLPSWA KTN2955137830		
Q61L			DTC323T	TR-SSD DTC323TK55039430		
Q61R			DTC323T	TR-SSD DTC323TK55039430		
Q101			DTA114YKA	TR-SSD DTA114YK55133190		
Q102			DTC114YKA	TR-SSD DTC114YK55133180		
Q103			KTC3875S	TR-SLPSWA KTC3820970460		
Q201,202			KTC3875S	TR-SLPSWA KTC3820970460		
Q601			DTA114YKA	TR-SSD DTA114YK55133190		
Q602			DTC114YKA	TR-SSD DTC114YK55133180		
IC15		*	74HC86	IC-LOGIC GATE H15178670		
FRONT PCB						
DL91-95		*	B30-2645-08	D-LEM CT-3SGTA 55199400		
FL91		*	HNW-12SM22	DISPLAY HNW-12S55309030		
C901			CE04LW1C470M	ELECTRO 47UF 16WV		
C903-905			CK73GB1C104Z	CHIP C 0.10UF Z		
C906			CE04LW0J101M	ELECTRO 100UF 6.3WV		
C907			CE04LW0J471M	ELECTRO 470UF 6.3WV		
C908			CK73GB1C104Z	CHIP C 0.10UF Z		
C909			CE04LW1H0R1M	ELECTRO 0.1UF 50WV		
C911			CK73GB1C104Z	CHIP C 0.10UF Z		
C916			CE04LW0J471M	ELECTRO 470UF 6.3WV		
CP94			E40-8777-08	CONN 2.0MM 5 MA55123320		
CP95			E40-8777-08	CONN 2.0MM 5 MA55123320		
L901			L90-0361-08	LF-SMD 22U0H +155185100		
L909			L32-1047-08	FBEAD SURFACE M55126670		
L912			L32-1047-08	FBEAD SURFACE M55126670		
L913			L32-1047-08	FBEAD SURFACE M55126670		
L914			L32-1047-08	FBEAD SURFACE M55126670		
X901			L77-2355-08	CRESONATOR 10M055126140		
R901			RK73GB1J101J	CHIP R 100 J 1/16W		
R902			RK73GB1J103J	CHIP R 10K J 1/16W		
R905,906			RK73GB1J000J	CHIP R 0 J 1/16W		
R911			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R912			RK73GB1J103J	CHIP R 10K J 1/16W		
R913			RK73GB1J753J	CHIP R 75K J 1/16W		
R921			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R922			RK73GB1J103J	CHIP R 10K J 1/16W		
R923			RK73GB1J753J	CHIP R 75K J 1/16W		

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R926			RK73GB1J473J	CHIP R 47K J 1/16W		
R927			RK73GB1J223J	CHIP R 22K J 1/16W		
R931			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R932			RK73GB1J103J	CHIP R 10K J 1/16W		
R933			RK73GB1J753J	CHIP R 75K J 1/16W		
R938-940			RK73GB1J103J	CHIP R 10K J 1/16W		
R943			RK73GB1J473J	CHIP R 47K J 1/16W		
R945			RK73GB1J000J	CHIP R 0 J 1/16W		
R946			RK73GB1J103J	CHIP R 10K J 1/16W		
R950			RK73GB1J100J	CHIP R 10 J 1/16W		
R981-985			RK73GB1J181J	CHIP R 180 J 1/16W		
S901			S70-0087-08	SWITACT VERTICA55145270		
S903			S70-0087-08	SWITACT VERTICA55145270		
S905			S70-0087-08	SWITACT VERTICA55145270		
S907			S70-0087-08	SWITACT VERTICA55145270		
S911			S70-0087-08	SWITACT VERTICA55145270		
S913			S70-0087-08	SWITACT VERTICA55145270		
S915			S70-0087-08	SWITACT VERTICA55145270		
S917			S70-0087-08	SWITACT VERTICA55145270		
S921			S70-0087-08	SWITACT VERTICA55145270		
S924			S70-0087-08	SWITACT VERTICA55145270		
S927			S70-0087-08	SWITACT VERTICA55145270		
S930			S70-0087-08	SWITACT VERTICA55145270		
D906			RB501V-40	D-SR SCHOTTKY R55177870		
D907			1N4148	D-SLP 1N4148 1070436540		
IC91		*	CXP82532-309Q	IC-MICROCONT CX55442960		
IC92			KIA7045P	IC-REGNEGFXD KI55191090		
Q911-915			DTC114YKA	TR-SSD DTC114YK55133180		
RM91			W02-2801-08	IC-REMOTE NJL6355156010		
OUTPUT PCB						
C801			CK73GB1H104K	CHIP C 0.10UF K		
C802			CE04LW1C470M	ELECTRO 47UF 16WV		
C803			CK73GB1H103K	CHIP C 0.010UF K		
C804			CC73GCH1H101J	CHIP C 100PF J		
CP81			E35-3214-08	CONN 1.25MM 23 55124620		
JK81			E63-1244-08	CON PHONO SCKT 55164750		
JK82			E63-1227-08	CON PHONO SCKT 55175260		
JK83			E68-0018-08	CON DIN SCKT MI 55191220		
JK84			E63-1192-08	CON PHONO SCKT 55149420		
L801-803			L32-1045-08	FBEAD SURFACE M55126710		
R81L			L90-0361-08	LF-SMD 22U0H +1 55185100		
R81R			L90-0361-08	LF-SMD 22U0H +1 55185100		
J890,891			RK73FB2A000J	CHIP R 0 J 1/10W		
J894			RK73FB2A000J	CHIP R 0 J 1/10W		
R801			RK73FB2A101J	CHIP R 100 J 1/10W		
R802			RK73FB2A000J	CHIP R 0 J 1/10W		
R803			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R804			RK73FB2A100J	CHIP R 10 J 1/10W		
R805			RK73FB2A181J	CHIP R 180 J 1/10W		
R806			RK73FB2A101J	CHIP R 100 J 1/10W		
R807,808			RK73FB2A000J	CHIP R 0 J 1/10W		
R815			RK73FB2A000J	CHIP R 0 J 1/10W		


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R820 R829 R874 R876,877			RK73FB2A000J RK73FB2A000J RK73FB2A000J RK73FB2A000J	CHIP R 0 J 1/10W CHIP R 0 J 1/10W CHIP R 0 J 1/10W CHIP R 0 J 1/10W		
JK87		*	S62-0115-08	SWISLIDE HORIZO55397390		
D711 D801,802 IC85 Q801 Q802			1N4148 ZNR5V1B0.2W GP1F32T KTC3875S KTA1504S	D-SLP 1N4148 1070436540 D-ZENER UDZS 5.55177710 D-LEM GP1F32T R55164740 TR-SLPSWA KTC3820970460 TR-SLPSWA KTA1520970480		
MECHA CONTROL PCB						
C001 C002 C003 C004 C005			CC45FSL1H220J CK45FB1H104K CC45FSL1H220J CK45FB1H104K CE04LW1E102M	CERAMIC 22PF J CERAMIC 0.10UF K CERAMIC 22PF J CERAMIC 0.10UF K ELECTRO 1000UF 25WV		
L001			L33-1646-08	LF 39U0H +10% 120265120NR		
R003,004			RD14GB2E2R2J	FL-PROOF RD 2.2 J 1/4W		
PI001-003 PI004			RPI-574 GP2S28	D-PHOTO ITR960620586840NR D-PHOTO GP2S28 20556130NR		
D001,002 IC001,002			1N5232B LB1641	D-ZENER 1N5232B2041428001 IC(MOTOR DRIVER)0656300NR		
MECHANISM						
1 2 3 4 5	1B 1B 1B 1B 1B		J99-0838-08 J99-0839-08 G02-1745-08 D15-0448-08 D21-2929-08	AC PLASTIC PLAT 5502007A AC PLASTIC DRAW 55020080 AC SPRING CLIP 20712060 AC PLASTIC PULL 207111410 AC METAL SHAFT 20711380		
6 7 8 9 10	1B 1B,2B 1B,2B 1B 1B		D13-2586-08 D14-0827-08 D14-0819-08 D13-2587-08 G10-0597-08	AC MLD GEAR WOR 20710170 AC PLASTIC ROLL 20712170 AC RUBBER ROLLE 20712120 AC MLD GEAR HEL 20710180 FELT BK 30.0MM 20634190		
12 13 14 15 16	1A 1A 1A 2A 2A		N19-1530-08 D13-2588-08 N19-1529-08 D12-0165-08 A10-3573-08	AC CPL WASHER-S 55190760 AC MLD GEAR MAI 55020110 WASHER 3MM 55MM 55190600 AC PLASTIC CAM 20712230 AC PLASTIC BASE 55020090		
17 18 19 24 25	1A 2A 2A 2A 2B		D40-1803-08 D13-2589-08 D13-2590-08 D16-0785-08 D16-0784-08	OK TVM 503R1 10739460 AC MLD GEAR DRI 20712240 AC MLD GEAR PUL 20712250 AC RUBBER BELT 20712270 AC RUBBER BELT 20710160		
26 31 32 33 34	2B 1A 1A 2B 2A	*	D16-0783-08 J19-6354-08 D39-0357-08 J11-0890-08 J19-6353-08	AC RAW WHEEL BE20584560 AC MLD BRACKET 55371790 OK VC RAW CUSHI 10741230 AC PLASTIC CLAM 55371890 AC METAL MAGNET 55020130		
35 36	2B 2B	*	J52-0046-08 G10-1425-08	AC METAL YOKE P 55371920 FELT YOKE 55491580		
AB			N09-5408-08	SCREW-ST 3MM 1020692300		

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AC AD AF AG		*	N09-5409-08 N09-5410-08 N09-5411-08 N09-5450-08	SCREW 2.6MM 4MM 20349530 SCREW-SPEC 3MM 20366370 SCREW-ST 3MM 18 55190460 OK VC RAW SCREW 10742170		
LM RM	2A 2B		T42-1116-08 T42-1121-08	AD ASY MOTOR DC20581800 AD ASY MOTOR DC20581820		

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SPECIFICATIONS

[Type]

System DVD video player system
Signal read system Semiconductor laser

[D/A Conversion Section]

D/A conversion 24 Bit
Oversampling 8 fs (Sampling frequency; 44.1, 48 kHz)
4 fs (Sampling frequency; 96 kHz)

[Audio section]

Frequency response

Sampling frequency ; 44.1 kHz 4 Hz ~ 20 kHz
Sampling frequency ; 48 kHz 4 Hz ~ 22 kHz
Sampling frequency ; 96 kHz 4 Hz ~ 42 kHz
Signal to noise ratio More than 98 dB
Dynamic range More than 95 dB
Total harmonic distortion Less than 0.005 % (1 kHz)
Channel separation More than 95 dB (1 kHz)
Wow and flutter Below measurable limit
Analog output level/impedance 2 V / 1 k Ω
Digital output level/impedance
COAXIAL 0.5 Vp-p / 75 Ω
OPTICAL -21 dBm ~ -15 dBm (Wave length 660 nm)

[Video Section]

Video output format

(For U.S.A., Canada and U.S. Military) NTSC
(For other countries) NTSC/PAL

Video compression

DVD MPEG-2

Composite video output level

..... 1 Vp-p (75 Ω load, sync. negative)

S-video output level

(Y-signal) 1 Vp-p (75 Ω load, sync. negative)
(C-signal)

NTSC 0.286 Vp-p (75 Ω)

PAL 0.300 Vp-p (75 Ω)

Horizontal resolution More than 480 lines

Video signal to noise ratio More than 60 dB

[General]

Power consumption 20 W

Dimensions W : 440 mm (17-5/16")

H : 127 mm (5")

D : 432 mm (17)

Weight (net) 7.0 kg (15.4 lb)



KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

- Sufficient performance may not be exhibited at extremely cold locations (Where water freezes).

KENWOOD CORPORATION

2967-3, Ishikawa-machi, Hachioji-shi, Tokyo, 192-8525 Japan

KENWOOD SERVICE CORPORATION

P.O BOX 22745, 2201 East Dominguez St., Long Beach, CA 90801-5745, U.S.A.

KENWOOD ELECTRONICS CANADA INC.

6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8

KENWOOD ELECTRONICS LATIN AMERICA S.A.

P.O BOX 55-2791, Piso 6 plaza Chase, Cl. 47 y Aquilino de la Guardia Panama, Republic de Panama

KENWOOD ELECTRONICS BRASIL LTDA.

Alameda Ministro Rocha Azevedo No. 456, Edificio Jaú, 10o Andar, Cerqueira César, Cep 0140-001, São Paulo-SP-Brasil

KENWOOD ELECTRONICS U.K. LIMITED

KENWOOD House, Dwight Road, Watford, Herts., WD1 8EB., United Kingdom

KENWOOD ELECTRONICS BELGIUM N.V.

Leuvensesteenweg 248 J, 1800 Vilvoorde, Belgium

KENWOOD ELECTRONICS DEUTSCHLAND GMBH

Rembrücker Str. 15, 63150 Heusenstamm, Germany

KENWOOD ELECTRONICS FRANCE S.A.

13 Boulevard Ney, 75018 Paris, France

KENWOOD ELECTRONICS ITALIA S.p.A.

Via G. Sirtori, 7/9 20129, Milano, Italy

KENWOOD IBÉRICA S.A.

Bolivia, 239-08020 Barcelona, Spain

KENWOOD ELECTRONICS AUSTRALIA PTY. LTD.

(A.C.N. 001 499 074)
16 Giffnock Avenue, North Ryde, N.S.W. 2113, Australia

KENWOOD ELECTRONICS (HONG KONG) LTD.

Unit 3712-3724, Level 37, Tower 1, Metroplaza, 223 Hing Fong Road, Kwai Fong N.T., Hong Kong

KENWOOD ELECTRONICS GULF FZE

P.O.Box 61318, Jebel Ali, Dubai, U.A.E.

KENWOOD ELECTRONICS SINGAPORE PTE LTD.

No. 1 Genting Lane #02-02, KENWOOD Building, Singapore, 349544

KENWOOD ELECTRONICS (MALAYSIA) SDN BHD.

#4.01 Level 4, Wisma Academy Lot 4A, Jalan 19/1 46300 Petaling Jaya Selangor Darul Ehsan Malaysia

KENWOOD ELECTRONICS (THAILAND) CO., LTD.

2019 New Pechburi Road, Bangkapi, Huaykwang, Bangkok, 10320 Thailand